



# New data on the distribution of *Platyla stussineri* (Boettger, 1884) and *Acicula szigethyannae* Subai, 1977 (Prosobranchia, Aciculidae) in Italy

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**KEY WORDS:** New records, Italy.

**RIASSUNTO** *Platyla stussineri* (Boettger, 1884) is reported for the first time from the alpine region in Italy. *Acicula szigethyannae* Subai, 1977 is reported for the second time from Abruzzo.

**ABSTRACT** *Platyla stussineri* (Boettger, 1884) viene segnalata per la prima volta per la regione alpina italiana, sulla base di esemplari rinvenuti in Vallarsa. *Acicula szigethyannae* Subai, 1977 è nuovamente riportata per l'Abruzzo, ove era già stata segnalata in precedenza col nome di *A. lineata sublineata*, specie in realtà diversa ed illustrata per confronto.

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## *Platyla stussineri* (Boettger, 1884) (Fig. 4)

The occurrence of this species from Italy was so far only known from a locality south-west of Modena, in Emilia Romagna, where it was found by Boeters and from two localities in Umbria where it was found by the author (both reported by BOETERS *et al.*, 1989). Furthermore, a population was recorded at a locality west of Castelnuovo di Garfagnana in the Alpi Apuane mountains (in Tuscany), by EIKENBOOM (1993a). Despite the many localities known in Slovenia, *Platyla stussineri* was hitherto never reported from the alpine region of Italy.

In June 1995, the author found twelve fresh adult shells (Fig. 4) and some juveniles in litter of a beechwood, close to limestone rocks, south of Vanza, in the Vallarsa, southwest of Rovereto (UTM PR 67; province of Trento, in Trentino Alto Adige). In this locality the species was part of a rich malacofauna. Eighteen accompanying species - e.g. *Renea veneta* (PIRONA, 1865), *Platyla gracilis* (CLESSIN, 1877), *Acicula lineolata banki* Boeters, Gittenberger & Subai, 1989 (Figs 1-3) - were found. Surprisingly, this locality is about 210 km west of the westernmost known locality of *P. stussineri* in Slovenia.

## *Acicula szigethyannae* Subai, 1977 (Figs 5, 7)

The occurrence of an *Acicula* species in Abruzzo was for the first time reported by EIKENBOOM (1993b). Two shells were found in the Valle dell'Orfento near Caramanico (province of Pescara). Despite the fact that the author recognised the resemblance with *Acicula szigethyannae* Subai, 1977 from the Gargano peninsula in Apulia (Fig. 7), they were identified as *Acicula lineata sublineata* (Andreae, 1883).

It was expected that this *Acicula* would also live in similar habitat elsewhere in this part of Italy. This expectation turned out to be correct.

In June 195 the author found many fresh shells (Fig. 5) in litter, taken from different sites in the Gole di Celano, east of

Avezzano (UTM UG 86; province of l'Aquila). These shells were identified by Dr. Marco Bodon as *Acicula szigethyannae* Subai, 1977. The shells from the Valle dell'Orfento actually do not differ from those from Celano. BODON *et al.* (1995: 51) already remarked that the identification of the Orfento specimens as *A. lineata sublineata* had to be confirmed.

The accompanying 35 species of landsnails, found by the author in the Gole di Celano, all make part of the malacofauna already known from this part of Italy.

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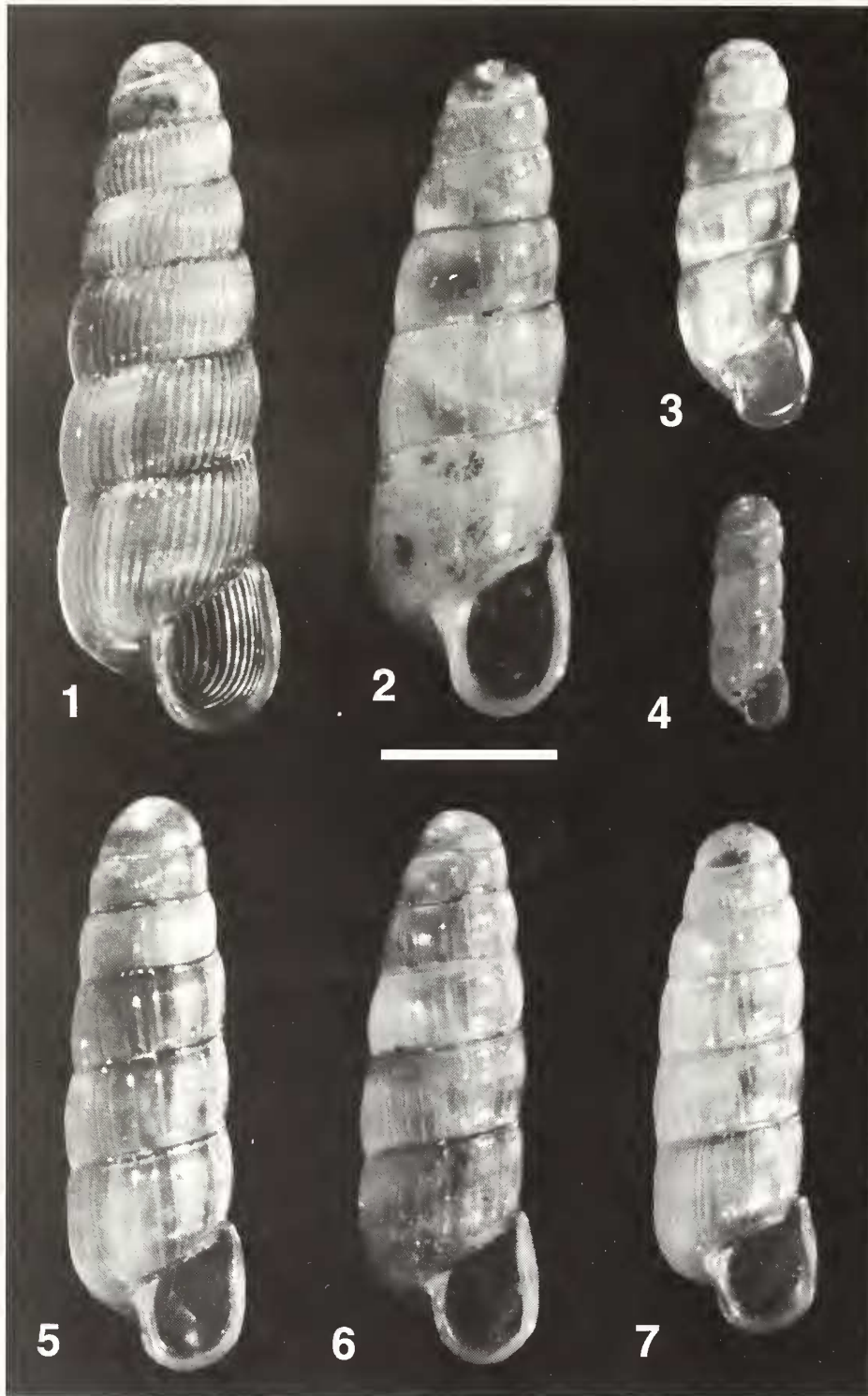


Figure 1-4 Shells from a beechwood south of Vanza, Vallarsa (SW of Rovereto, Trento). Fig. 1. *Rena veneta* (Pirone, 1865). Fig. 2. *Acicula lineolata banki* Boeters, Gittenberger & Subai, 1989. Fig. 3. *Platyla gracilis* (Clessin, 1877). Fig. 4. *Platyla stussineri* (Boettger, 1884). Figure 5-7 Shells from Central-Southern Italy. Fig. 5. *Acicula szigetthyannae* Subai, 1977 - Gole di Celano near Avezzano. Fig. 6. *Acicula lineolata sublineata* (Andreae, 1883) - Val Taleggio (Bergamo). Fig. 7. *Acicula szigetthyannae* Subai, 1977 - Foresta Umbra (Gargano peninsula). Scale bar 1 mm.